

## Summary

The present invention relates to a method for operating an internal combustion engine (1) of a motor vehicle, in particular, including a control unit (2) for  
5 controlling/regulating the internal combustion engine (1) as a function of an air-mass sensor signal (L<sub>1</sub>) from a first air-mass sensor (HFM<sub>1</sub>).

10 A first auxiliary signal (H<sub>1</sub>), which is obtained arithmetically from an additional sensory system or also from models of the internal combustion engine (1), allows a plausibility control or also the substitution of the air-mass sensor signal (L<sub>1</sub>) in the case of signal interference of the  
15 air-mass sensor signal (L<sub>1</sub>) and thereby ensures that the internal combustion engine (1) is able to continue working in the optimal operating point.

(Figure 2)